

AMENDMENTS TO THE CLAIMS

1. (Currently Amended): A process for forming the stator of a linear electric motor, said stator comprising an annular stack of lamination elements seated laterally to each other, each lamination element having an internal axial extension and two end radial extensions, and in which annular stack is mounted a tubular coil, comprising the steps of:

providing lamination elements, each defined by two lamination portions to be affixed to each other to complete the respective lamination element, at least one of said lamination portions having at least part of the internal axial extension of the respective lamination element;

providing a rectilinear alignment of each of a plurality of lamination portions presenting a radially internal axial edge, said lamination portions being laterally mutually seated, with their respective radially internal axial edges defining a flat surface;

affixing to each other the radially internal axial edges of the lamination portions of the rectilinear alignment of each plurality of lamination portions, to allow only the relative limited angular displacement of each lamination portion around its part of the radially internal axial edge;

deforming the alignment of each plurality of lamination portions affixed to each other to an annular shape, with the respective radially internal axial edges defining an internal cylindrical surface of the respective annular assembly;

forming two mutually complementary annular assemblies, with the lamination portions of each annular assembly being seated side by side in relation to each other; [[and]]

seating a respective adjacent end portion of the tubular coil in the interior of one of said annular assemblies; and

2. (Cancelled)

5. (Previously Presented): The process according to claim 3, wherein, in the providing lamination elements step, one of the lamination portions of each lamination element is provided with a recess in the seating region for the other lamination portion, which is provided in the respective seating region with a complementary projection to be fitted in said recess upon the fixation of the two annular assemblies.

6. (Cancelled)

7. (Previously Presented): The process according to claim 1, further comprising the step of providing the tubular coil with an insulating cover.

8. (Previously Presented): The process according to claim 7, wherein the insulating cover is injected around the tubular coil.

9. (Previously Presented): The process according to claim 1, wherein the tubular coil is affixed between the annular assemblies.

10. (Previously Presented): The process according to claim 9, wherein the tubular coil is affixed by adhesive to the annular assemblies.

11. (Currently Amended): An annular stack of lamination elements of the type for forming the stator of a linear electric motor and comprising a plurality of lamination elements seated laterally to each other, each lamination element having an internal axial extension and two end radial extensions, and in which annular stack is mounted a tubular coil, wherein each lamination element is defined by two lamination portions to be affixed to each other in seating regions with mutual fittings to complete the respective lamination element, at least one of said lamination portions having at least part of the internal axial extension of the respective lamination element and

